Study guide for End of Module 4 test

Week 28

Invert the fraction that you are dividing by

$$\frac{4}{5} \div \frac{2}{3} = \frac{4}{5} \times \frac{3}{2}$$

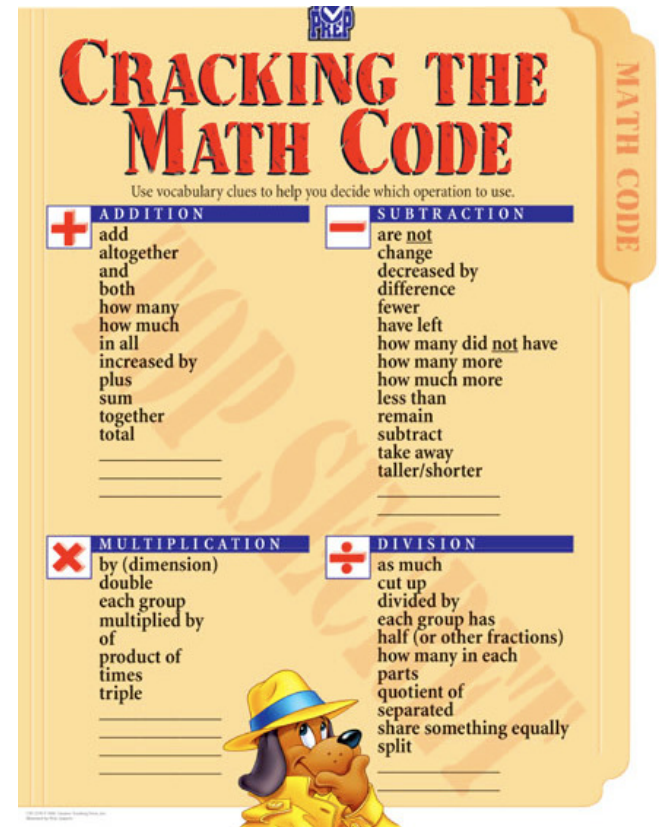**Multiply the numerators and denominators**

$$\frac{4}{5} \times \frac{3}{2} = \frac{12}{10}$$

Simplify the fraction if necessary

$$\frac{12}{10} = 1\frac{1}{5}$$

$$\frac{1 \times 2}{4 \times 2} = \frac{2}{8}$$

$$\frac{1 \times 4}{4 \times 4} = \frac{4}{16}$$

CRACKING THE MATH CODE

Use vocabulary clues to help you decide which operation to use.

➕ ADDITION
add
altogether
and
both
how many
how much
in all
increased by
plus
sum
together
total

➖ SUBTRACTION
are not
change
decreased by
difference
fewer
have left
how many did not have
how many more
how much more
less than
remain
subtract
take away
taller/shorter

✖ MULTIPLICATION
by (dimension)
double
each group
multiplied by
of
product of
times
triple

➗ DIVISION
as much
cut up
divided by
each group has
half (or other fractions)
how many in each
parts
quotient of
separated
share something equally
split

MATH CODE

This study guide is here to help you prepare for the End of Module test on Thursday. Please work with your LC to make sure you know how to solve these problems on your own for the test.

Multiplying fraction with whole numbers and/or fractions.

Draw a picture and give a number sentence.

1. 1/3 of 3/5 =

2. 0.07 x 0.3 =

3. Half the sum of 4 times 7?

4. 5 times the difference between 6 and 4.

5. 2/3 yard = _____ inches

6. 18 inches = _____yards

7. 5/12 ÷ 10 =

8. 16 ÷ 0.125 =

Dividing Fractions of Whole Parts.

Draw a picture and write a number sentence to support your answer!!

Mom gave a quarter of a gallon of ice cream to Alex to share with his 5 friends. How many gallons do he and his 5 friends get if they shared the ice cream equally? (hint- it's less than a gallon)

Bonus question? How many 'cups' does each boy get? (hint-it's less than a cup)

Multiplying or dividing fractions using real world problems.

If Julie's mom bought a 15 pound bag of dirt and wants Julie to fill 12 flower pots to get ready for planting. How many pounds of dirt does each pot get? Answer in fraction: _____ Answer in decimal:_____

Bonus: If it takes Julie 12 minutes to fill each pot will she be working more or less than 3 hours?

Multiplication **T**able

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120